A
adaptive control systems1:34
aerial platforms3:52
aeronautics
agricultural production5:22
Aiken, Dr. Howard H., director, The
Computation Laboratory,
Harvard University2:17
Aircars and the 'Terresphere'3:52
aircraft1:14, 24; 2:60
airplane-automobile3:52
algae3:23
Allderige, John M.,
associate professor, College of Engineering, Cornell University
Cornell University (author)3:57
alloys1:18, 56; 6:42
aluminum1:60
amino acids5:22
artificial islands3:65
ascorbic acid
atomic energy1:17; 2:24;
3:30: 5:19
Auerbach, Isaac L.,
Auerbach, Isaac L., president and technical director, Auerbach
Electronics Corp
automatic transfer machines2:61
automatic weather
station4:78
station
auxiliary power systems4:83
B
Bacon ceii4:21, 22
Basic Approach to
Product Development2:20
Bellman, Dr. Richard E.,
mathematician, The RAND Corp., consultant, Hughes Aircraft Co2:18
Hughes Aircraft Co2:18
Bennett, Rear Adm. Rawson, (Ret.), former
Rawson, (Ret.), former Chief of Naval Research2:18
binary systems1:49; 2:44
biochemical fuel cell4:23 bioelectronics1:31; 5:30
Bionic Machines—A Step
Toward Robots1:31
Boolean algebra2:46 Budenholzer, Dr. R. A.,
director, American Power
Conference: professor.
Conference; professor, Illinois Institute of
Conference: professor, Illinois Institute of Technology
Conference: professor, Illinois Institute of Technology
Conference; professor, Illinois Institute of Technology 6:29 bored tunnel 3:44 Brunetti, Dr. Cledo, president. Grand Central
Conference; professor, Illinois Institute of Technology . 6:29 bored tunnel . 3:44 Brunetti, Dr. Cledo, president, Grand Central Rocket Co 2:18
Conference; professor, Illinois Institute of Technology 6:29 bored tunnel 3:44 Brunetti, Dr. Cledo, president, Grand Central Rocket Co 2:18 building block principle 2:61
Conference; professor, Illinois Institute of Technology 6:29 bored tunnel 3:44 Brunetti, Dr. Cledo, president, Grand Central Rocket Co. 2:18 building block principle 2:61
Conference: professor, Illinois Institute of Technology .6:29 bored tunnel .3:44 Brunetti, Dr. Cledo, president, Grand Central Rocket Co2:18 building block principle2:61 C Camras, Marvin, senior
Conference: professor, Illinois Institute of Technology . 6:29 bored tunnel . 3:44 Brunetti, Dr. Cledo, president, Grand Central Rocket Co 2:18 building block principle . 2:61 C Camras, Marvin, senior engineer, Electronics Research Div. Armour
Conference; professor, Illinois Institute of Technology . 6:29 bored tunnel
Conference; professor, Illinois Institute of Technology . 6:29 bored tunnel
Conference; professor, Illinois Institute of Technology . 6:29 bored tunnel . 3:44 Brunetti, Dr. Cledo, president, Grand Central Rocket Co 2:18 building block principle . 2:61 C Camras, Marvin, senior engineer, Electronics Research Div., Armour Research Foundation . 2:18 Can You Afford Government R&D Contracts? . 5:13 Carbohydrates . 5:24
Conference; professor, Illinois Institute of Technology . 6:29 bored tunnel . 3:44 Brunetti, Dr. Cledo, president, Grand Central Rocket Co 2:18 building block principle . 2:61 C Camras, Marvin, senior engineer, Electronics Research Div., Armour Research Foundation . 2:18 Can You Afford Government R&D Contracts? . 5:13 carbohydrates . 5:24 catalysts . 1:36; 2:23
Conference: professor, Illinois Institute of Technology . 6:29 bored tunnel . 3:44 Brunetti, Dr. Cledo, president, Grand Central Rocket Co 2:18 building block principle . 2:61 C Camras, Marvin, senior engineer, Electronics Research Div., Armour Research Foundation . 2:18 Can You Afford Government R&D Contracts? . 5:13 carbohydrates . 5:24 catalysts . 1:36; 2:23 cement failure . 3:66
Conference; professor, Illinois Institute of Technology .6:29 bored tunnel .3:44 Brunetti, Dr. Cledo, president, Grand Central Rocket Co2:18 building block principle .2:61 C Camras, Marvin, senior engineer, Electronics Research Div., Armour Research Div., Armour Research Foundation .2:18 Can You Afford Government R&D Contracts? .5:13 carbohydrates .5:24 catalysts .1:36; 2:23 cement failure .3:66 ceramic cutting tools .2:62
Conference; professor, Illinois Institute of Technology . 6:29 bored tunnel . 3:44 Brunetti, Dr. Cledo, president, Grand Central Rocket Co 2:18 building block principle . 2:61 C Camras, Marvin, senior engineer, Electronics Research Div., Armour Research Foundation . 2:18 Can You Afford Government R&D Contracts? . 5:13 carbohydrates . 5:42 catalysts . 1:36; 2:23 cement failure . 3:66 ceramic cutting tools . 2:62 cesium generators . 4:54
Conference; professor, Illinois Institute of Technology . 6:29 bored tunnel . 3:44 Brunetti, Dr. Cledo, president, Grand Central Rocket Co 2:18 building block principle . 2:61 C Camras, Marvin, senior engineer, Electronics Research Div., Armour Research Foundation . 2:18 Can You Afford Government R&D Contracts? . 5:13 carbohydrates . 5:24 catalysts . 1:36; 2:23 cement failure . 3:66 ceramic cutting tools . 2:62 cesium generators . 4:54 charge transfer machines . 4:75 ch
Conference; professor, Illinois Institute of Technology . 6:29 bored tunnel . 3:44 Brunetti, Dr. Cledo, president, Grand Central Rocket Co 2:18 building block principle 2:61 C Camras, Marvin, senior engineer, Electronics Research Div., Armour Research Div., Armour Research Foundation . 2:18 Can You Afford Government R&D Contracts? . 5:13 carbohydrates . 5:24 catalysts . 1:36; 2:23 cement failure . 3:66 ceramic cutting tools . 2:62 cesium generators . 4:54 charge transfer machines . 4:75 chemical propellants . 4:74
Conference; professor, Illinois Institute of Technology .6:29 bored tunnel .3:44 Brunetti, Dr. Cledo, president, Grand Central Rocket Co2:18 building block principle .2:61 C Camras, Marvin, senior engineer, Electronics Research Div., Armour Research Foundation .2:18 Can You Afford Government R&D Contracts? .5:13 carbohydrates .5:24 catalysts .1:36; 2:23 cement failure .3:66 ceramic cutting tools .2:62 cesium generators .4:54 charge transfer machines .4:74 chemistry .1:14; 5:22 Clarke, Arthur C.
Conference; professor, Illinois Institute of Technology . 6:29 bored tunnel . 3:44 Brunetti, Dr. Cledo, president, Grand Central Rocket Co 2:18 building block principle . 2:61 C Camras, Marvin, senior engineer, Electronics Research Div., Armour Research Foundation . 2:18 Can You Afford Government R&D Contracts? . 5:13 carobhydrates . 5:24 catalysts . 1:36; 2:23 cement failure . 3:66 ceramic cutting tools . 2:62 cesium generators . 4:54 charge transfer machines . 4:74 chemistry . 1:14; 5:22 Clarke, Arthur C., scientist, novelist
Conference; professor, Illinois Institute of Technology . 6:29 bored tunnel . 3:44 Brunetti, Dr. Cledo, president, Grand Central Rocket Co 2:18 building block principle . 2:61 C Camras, Marvin, senior engineer, Electronics Research Div., Armour Research Foundation . 2:18 Can You Afford Government R&D Contracts? . 5:13 carbohydrates . 5:24 catalysts . 1:36; 2:23 cement failure . 3:66 ceramic cutting tools . 2:62 cesium generators . 4:54 charge transfer machines . 4:74 chemistry . 1:14; 5:22 Clarke, Arthur C., scientist, novelist (author) . 5:30
Conference; professor, Illinois Institute of Technology . 6:29 bored tunnel . 3:44 Brunetti, Dr. Cledo, president, Grand Central Rocket Co 2:18 building block principle . 2:61 C Camras, Marvin, senior engineer, Electronics Research Div., Armour Research Foundation . 2:18 Can You Afford Government . 8:10 Contracts? . 5:13 carbohydrates . 5:24 catalysts . 1:36; 2:23 cement failure . 3:66 ceramic cutting tools . 2:62 cesium generators . 4:54 charge transfer machines . 4:74 chemistry . 1:14; 5:22 Clarke, Arthur C., scientist, novelist (author) . 5:30 closed-circuit environment . 3:23
Conference; professor, Illinois Institute of Technology . 6:29 bored tunnel . 3:44 Brunetti, Dr. Cledo, president, Grand Central Rocket Co 2:18 building block principle . 2:61 C Camras, Marvin, senior engineer, Electronics Research Div., Armour Research Foundation . 2:18 Can You Afford Government R&D Contracts? . 5:13 carbohydrates . 5:24 catalysts . 1:36; 2:23 cement failure . 3:66 ceramic cutting tools . 2:62 cesium generators . 4:54 charge transfer machines 4:74 chemistry . 1:14; 5:22 Clarke, Arthur C., scientist, novelist (author) . 5:30 closed-circuit environment . 3:23 closed-circuit . 3:44
Conference; professor, Illinois Institute of Technology . 6:29 bored tunnel . 3:44 Brunetti, Dr. Cledo, president, Grand Central Rocket Co 2:18 building block principle . 2:61 C Camras, Marvin, senior engineer, Electronics Research Div., Armour Research Foundation . 2:18 Can You Afford Government R&D Contracts? . 5:13 carbohydrates . 5:24 catalysts . 1:36; 2:23 cement failure . 3:66 ceramic cutting tools . 2:62 cesium generators . 4:54 charge transfer machines . 4:75 chemical propellants . 4:74 chemistry . 1:14; 5:22 Clarke, Arthur C., scientist, novelist (author) . 5:30 closed-circuit environment . 3:23 closed-circuit V . 4:32 close-spaced diodes . 4:53, 81
Conference; professor, Illinois Institute of Technology . 6:29 bored tunnel . 3:44 Brunetti, Dr. Cledo, president, Grand Central Rocket Co 2:18 building block principle . 2:61 C Camras, Marvin, senior engineer, Electronics Research Div., Armour Research Foundation . 2:18 Can You Afford Government R&D Contracts? . 5:13 carbohydrates . 5:42 catalysts . 1:36; 2:23 cement failure . 3:66 ceramic cutting tools . 2:62 cesium generators . 4:54 charge transfer machines . 4:75 chemical propellants . 4:74 chemistry . 1:14; 5:22 Clarke, Arthur C., scientist, novelist (author) . 5:30 closed-circuit TV . 4:32 closed-circuit TV . 4:23 closed-circuit TV . 4:23 close-spaced diodes . 4:53, 81 clue words . 2:43, 45
Conference; professor, Illinois Institute of Technology . 6:29 bored tunnel . 3:44 Brunetti, Dr. Cledo, president, Grand Central Rocket Co 2:18 building block principle . 2:61 C Camras, Marvin, senior engineer, Electronics Research Div., Armour Research Foundation . 2:18 Can You Afford Government R&D Contracts? . 5:13 carbohydrates . 5:24 catalysts . 1:36; 2:23 cement failure 3:66 ceramic cutting tools . 2:62 cesium generators . 4:54 charge transfer machines . 4:74 chemistry . 1:14; 5:22 Clarke, Arthur C., scientist, novelist (author) . 5:30 closed-circuit environment . 3:23 close-spaced diodes . 4:53, 81 clue words . 2:43, 45 cold machining . 2:62 cesium generators . 4:54 clue words . 2:43, 45 cold machining . 2:62
Conference; professor, Illinois Institute of Technology . 6:29 bored tunnel . 3:44 Brunetti, Dr. Cledo, president, Grand Central Rocket Co 2:18 building block principle . 2:61 C Camras, Marvin, senior engineer, Electronics Research Div., Armour Research Foundation . 2:18 Can You Afford Government R&D Contracts? . 5:13 carbohydrates . 5:42 catalysts . 1:36; 2:23 cement failure . 3:66 ceramic cutting tools . 2:62 cesium generators . 4:54 charge transfer machines . 4:75 chemical propellants . 4:74 chemistry . 1:14; 5:22 Clarke, Arthur C., scientist, novelist (author) . 5:30 closed-circuit TV . 4:32 closed-circuit TV . 4:32 closed-circuit TV . 4:23 closed-circuit TV . 4:23 close-spaced diodes . 4:53, 81 clue words . 2:43, 45 cold machining . 2:62 columbium . 6:442 combustion methods . 1:66
Conference; professor, Illinois Institute of Technology . 6:29 bored tunnel . 3:44 Brunetti, Dr. Cledo, president, Grand Central Rocket Co 2:18 building block principle . 2:61 C Camras, Marvin, senior engineer, Electronics Research Foundation . 2:18 Can You Afford Government R&D Contracts? . 5:13 carbohydrates . 5:24 catalysts . 1:36; 2:23 cement failure . 3:66 ceramic cutting tools . 2:62 cesium generators . 4:54 charge transfer machines . 4:74 chemistry . 1:14; 5:22 Clarke, Arthur C., scientist, novelist (author) . 5:30 closed-circuit environment . 3:23 closed-circuit TV . 4:32 close-spaced diodes . 4:53, 81 clue words . 2:43, 45 cold machining . 2:62 columbium . 6:42 combustion methods . 1:66 communications satellite . 1:16
Conference; professor, Illinois Institute of Technology . 6:29 bored tunnel . 3:44 Brunetti, Dr. Cledo, president, Grand Central Rocket Co 2:18 building block principle . 2:61 C Camras, Marvin, senior engineer, Electronics Research Div., Armour Research Foundation . 2:18 Can You Afford Government R&D Contracts? . 5:13 carbohydrates . 5:42 catalysts . 1:36; 2:23 cement failure . 3:66 ceramic cutting tools . 2:62 cesium generators . 4:54 charge transfer machines . 4:75 chemical propellants . 4:74 chemistry . 1:14; 5:22 Clarke, Arthur C., scientist, novelist (author) . 5:30 closed-circuit TV . 4:32 closed-circuit TV . 4:32 closed-circuit TV . 4:23 closed-circuit TV . 4:23 close-spaced diodes . 4:53, 81 clue words . 2:43, 45 cold machining . 2:62 columbium . 6:442 combustion methods . 1:66

Electronics3:26
computer: analog1:18, 32, 58 components1:56; 3:24; 5:38 digital1:32, 40, 48, 58; 5:14
computer simulation: systems1:42; 2:61; 3:23 space environment2:21; 3:23
computerization2:34, 41, 44, 57, 60; 5:31
conductivity1:58; 4:57, 60
continuous seismic profiler3:47
contouring systems2:60
The Controversial Gas Turbine
correlation analysis3:60
corrosion1:14; 4:30
Crompton, Dr. Charles E., director of nuclear chemistry, The Martin Co. (author)4:78
cryogenic memory1:60
cryotrons6:44
cybernetics1:31; 2:37; 5:35
D
Danilov, Victor J., I+R editorial consultant (author)1:13
data processing1:40; 2:33, 41, 44; 4:72; 5:14
defense contracts1:13; 5:13; 6:14, 20

Composite Molecular

electronic brain5:31
electronics1:55; 2:24, 64; 3:24, 31
electrospark machining2:63
electrostatic generation1:17; 4:70
for Spacecraft4:70
energy conversion1:17; 4:19, 28, 50, 56, 62, 70, 78
engineering: design 3:57; 5:57 education 5:56 recruitment 3:63; 5:19 shortage 5:52
The English Channel Tunnel: 159 Years of Research
Everitt, Dr. William L., Dean, College of Engineering, University of Illinois 2:19
The Evolutionary Cycle from Man to Machine5:30
exothermic reduction6:47
exotic fuels4:24
exotic metals2:62
explosive metal forming2:63
F
fatty acids
feedback1:48; 2:43
ferroelectrics1:60
ferromagnetics1:59
food production 1:15; 5:22

(Bold face type refers to titles of feature articles. Heavy numerals refer to issue numbers in Volume three; light numerals indicate page numbers. For index to: Volume one (1959), see pages 100 and 101 in Vol. 1, No. 4; Volume two (1960), see pages 67 and 68, Vol. 2, No. 6, Industrial Research.

deForest, Dr. Lee2:18, 33
Denholm, Dr. A. Stuart,
manager of power
conversion, Goodrich-High Voltage Astronautics
Inc. (author)4:70
H. S. Denison 5:15; 6:33
depressurization3:20
design theory3:57
destructive tests1:66
De Zubay, Dr. Egon A.,
project director, fuels
research, Atlantic Research Corp. (author)4:19
dietary requirements5:24
diversification planning2:53
documentation2:37, 48
double-skeleton
catalyst (DSK)4:26
dry-film lubrication4:76
dust fuel reactor4:58
_
E
eddy current1:65; 4:58
Editorial Advisory Board 2:17
Education Machines-
A Trend Toward
Automated Teaching1:46
electrical generators4:72, 78
electrochemistry4:19
electroluminescence1:19
electrolytic machining2:63
electromagnetic
devices3:26; 4:70
electron-beam process2:63

food supplements5:23
fossil fuels4:26, 69; 5:19
frictional induction
machines4:70
Fuel Cells 4:19
fuel cell devices 3:29; 4:19, 30
Functional Electronic Block (FEB)3:24
G
gallium arsenide1:59
galvanic corrosion4:30
Garvey, Edward J.,
manufacturing research director, General
Products Div., IBM
Corp. (author)4:36
gas turbine:
engines 6:29, 45 generators
germanium
transistors1:59; 4:32
government research 1:13, 31, 50;
3:19, 26, 52; 4:19, 28, 51, 63, 71;
4:19, 28, 51, 63, 71; 5:13, 25, 54; 6:14, 21
government R&D spending1:13; 5:14, 38, 54;
6:16, 21
Green, Dr. W. B.,
section manager, Semiconductor Dept.,
Westinghouse Electric
Corp. (author)4:28
ground-effects
machines (GEM) 3:48, 52

heat exchanger-regenerator 6:32
heat pumps4:30
heat sink
heat sink 4:30, 72 heat-transfer techniques 4:54 Herndon, Dr. L. Kermit, vice-president, Energy
Div., Olin Mathieson
Chemical Corp2:19
Higgins, Dr. Thomas J., professor of electrical engineering, University
Of WisconsinZ:19
high-altitude chamber3:20
Hirsch, Marx, president, Molybdenum Corp. of
Hodges Luther H
Secretary of Commerce
(author)
hot cell facility4:81
hot machining2:62 hovercraft3:54
How to Get
Government Contracts6:14 human-factors
engineers1:48; 5:33
hydrofoil ships1:19; 5:39; 6:33 hydrolysis5:24
hydrothermal synthesis1:58
Hyperion effluent outfall3:46
hypersonic space gliders1:16 hypersonic wind tunnels1:18
nypersonie with turning
1
immersed tube tunnel3:44
indium phosphide1:59
Industrial Applications of the Exotic Metal,
Columbium6:42 Information Retrieval
(a special section)2:33-48
information retrieval
systems1:42, 59; 2:33, 41, 44; 3:59
Infrared instruments1:59; 5:14 Introducing I-R's Editorial
Advisory Board2:17
ion engines4:44, 74 ion-exchange cells4:22
The I-R 1961 Forecast:
\$14-Billion for Research1:13 irradiated foods1:17
Isotopic Power4:78
isotopic power generators 4:79
1
jet engines
K
Kaye, Dr. Joseph,
Kaye, Dr. Joseph, late president, Joseph Kaye & Co. (author)4:50
Kally Dr Bater M
staff scientist, Aeronutronic Div., Ford Wotor Co. (author)1:31
Motor Co. (author)1:31
L
laboratory controls2:24
laminated materials1:60
Language Engineering2:44
language instruction booths1:51
lead sulfide1:59
Levacar1:19; 3:52 life support systems3:19
literaturé search2:33
Living in Space3:19
Long, H. Dale, president, ASTME and Scully-Jones Co. (author)2:59
Co. (author)2:59 Iubrication4:69, 76
luminescent materials1:58
M
Machines and Decisions (a special section)1:31-52

	_		Snyder, Asa E.,
magnetohydrodynamic (MHD) systems1:17; 3:29;	P	5	vice-president, Pratt &
4:30, 56	Packer, Dr. R. E., senior	satellites1:16; 4:64, 78, 80	Whitney Co. Inc. (author)
Magnetohydrodynamics4:56	training systems analyst, General Dynamics Corp.	N. S. Savannah1:17 Scientific Sleuthing	symbolic logic technique2:44
magnetostrictive material3:25	(author)1:46	with a Metallurgist1:64	synchrophasitron1:17
A Systems Approach1:40	paraboloidal solar concentrator	sea power plant6:38	synchrotron1:17
Mandell, Melvin,	particle accelerators	search request2:46	synthesis1:17, 57; 5:22
I+R contributing editor (author)5:13	and analyzers4:76	sea thermal energy conversion	The Synthesis of Food5:20 synthetic organic
manufacturing	passive detection systems5:15 patent legislation5:18	sea water corrosion4:83	chemistry5:27
processes4:34; 5:26	perceptron1:31	selenium1:59	T
manufacturing 2.50. 5.37	PERT system5:55	Semarne, H. M., research	Taussig, Leonard,
research	Peter, Dr. Rolf W.,	programing coordinator, Douglas Aircraft Co. Inc.	director, Taussig Associates (author) 1:64
3:33; 4:54, 74	manager, Electron Devices Div.,	(author)2:44	teaching machine1:46
mathematical	Watkins-Johnson Co.	semi-closed	technical conferences5:19
programing2:62; 3:60 McPherson, Dr. Archibald	(author)1:56 petroleum1:14; 5:25	semiconductors1:32, 59;	technical
T., associate director, National Bureau of	pharmaceuticals1:15	2:24; 3:24; 4:28, 80	management1:40; 2:20; 3:62; 5:54; 6:23
Standards (author)5:20	photochemical reactions 4:21	sensing devices4:78	technical manpower 5:58
mercury turbines4:63	photoconductors1:58	servomechanisms1:31	telecommunications1:14; 5:35
metallography1:66	photoelectronic	Shapley, Dr. Harlow, former director, Harvard	telemetering equipment4:78
metallurgy1:14, 65; 2:59; 3:31; 6:46	devices1:19, 59; 2:37 photosynthesis1:17	College Observatory,	thermal difference belt6:38 thermal energy4:28, 57, 81;
microcircuitry1:19	photovoltaic principles1:60	Sharp, Harold S., technical	6:37
microminiaturization1:32:	piggyback-railroad	librarian, AC Spark Plug	Thermal Energy
\$:32, 55 5:37	twin tunnel3:41	Div., General Motors Corp. (author)2:33	of the Sea6:37
microorganisms5:27	piston engines6:30	Should the Government	thermionic devices . 1:60; 3:29; 4:51, 63, 67, 80
microwave communication.1:19 miniaturization1:56; 4:78; 5:55	Pitfalls of Information Retrieval2:33	Back More Basic	Thermionics4:50
missiles1:14, 16; 5:55	plasma physics1:17; 4:54; 6:23	Research?	thermionic-thermoelectric
Modigliani, Dr. Piero	plastics1:19	Shultz, Dr. Eugene B., Jr., manager, energy	thermosouples 1.60, 4.29, 67
(author)1:70	Polish prefix notations2:45	conversion, Institute of	thermocouples1:60; 4:28, 67 thermoelectric
modules, 2:61 The Molectronics Engineer	polymer science5:27	Gas Technology (author)4:19	cooling1:60; 4:28
—A New Species3:24	polypropylene	silicon1:59; 4:64	thermoelectric
molecular	Practical Information	silicon solar cells4:21, 63, 80	devices4:20, 28, 66, 78, 83 thermoelectric
engineering1:55; 3:24	Handling2:41	silver iron telluride1:59	research1:19, 23, 60; 2:29;
monitoring and control devices2:62	product development 2:21; 5:37	Simon, Maj. Gen. Leslie E. (Ret.), staff director of	4:28, 51
moon base1:13; 3:22	project selection3:64	research, The	Thermoelectricity4:28
Moore, Dr. Charles H.,	propulsion systems4:72	Carborundum Co. (author)	Toward a Theory of Design
technical director, Copper Products	proteins5:24	Simpson, G. S. Jr.,	transistors1:19; 4:32
Development Assn.	Q	information research and	truth-matrix analysis2:46
(author)	qualitative information	operations, Battelle Memorial Institute	furbofan engines6:30
motivation of scientists3:64	approach2:41	(author)2:41	turboshaft engines6:33
multi-aspect indexing2:45 Murdock, J. W.,	Quiet Revolution in Metalworking2:59	Sleight, Dr. Robert B.,	Tuve, Dr. Merle A., director Carnegie Institution 2:19
information research and	R	resident, Applied Psychology Corp.	two-propositional
operations, Battelle Memorial Institute	Race, Robert W.,	(author)3:52	functors2:45
(author)2:41	supervisor, Techno-	SNAP generator4:78	U
Myatt, DeWitt O.,	Economics Research, Armour Research	Sodha, Dr. Mahendra Singh, senior physicist, Armour	ultra-low temperature machining2:63
president, Science Communication Inc2:19	Foundation (author)2:53	Research Foundation	ultrasonic machining 2:63
	radar1:31	(author)4:56	underdeveloped countries. 6:37
N	radiation1:16; 3:21	solar: cells1:19; 4:31, 64, 78	V
Nablo, Dr. Sam V.,	radioactive heat sources4:78, 83	collectors	vaccines1:18
manager, electrical cropulsion, Goodrich-	radioactive waste1:17	energy1:60; 4:63; 6:37	vacuum tubes1:59; 4:70, 80
High Voltage	radio astronomy1:18	flares1:18; 3:21	Van de Graaff electron accelerator4:71
Astronautics Inc. (author)4:70	radioisotope heat sources 4:80	Solar Machines in Space4:62	variable area nozzle
navigational light buoy	reading machines1:18; 5:14	solid fuels4:19	principle
neurons	Realistic Research Administration3:62	solid state	variable capacitance
A New Dimensic	reciprocating engines6:30	devices 1:55; 3:24; 4:31;	machines4:75 Venn diagrams2:44
Manufacturin, Research	reconnaissance	sonar1:32; 3:47	vitamins
New Materials for	satellites1:13, 16; 4:80	space programs1:15, 16;	W
Electronics1:56	refractory materials1:60; 6:42 reliability3:20, 26, 60;	3:19, 22; 4:74	walking barge3:46
Noble, Harrell V., electronic technology	4:30, 69, 78; \$:55	space technology1:15; 3:19; 4:20, 28, 51, 63, 71, 78	waste heat4:30, 69
laboratory, Wright Air	repeatable acoustic	spectrographic analysis1:65	Watson-Watt, Sir Robert,
Development Div. (author)3:24	seismic source (Rass)3:47 research:	The Spectrum Theory of	governing director, Sir Robert Watson-Watt and
nondestructive tests1:65	applied1:14; 2:21; 5:53; 6:21	organizing Research	Partners Ltd2:74
nuclear fuels4:69	applied 1:14; 2:21; 5:53; 6:21 basic 1:14; 2:21; 6:21	and Engineering5:52 standards and calibration 6:23	weapons systems1:31
nuclear power	budget1:13; 3:62; 5:13, 52; 6:21	static power generation 4:51	weather satellites1:13, 16; 4:78
generation4:58, 78; 6:35 nuclear reactors1:17; 4:31, 79	capability	statistical language	Welsh, Dr. John A., president, Flow
nuclear reactors1:17; 4:31, 79 nuclear submarine1:17: 4:24	proposals	manipulation2:42	Laboratories Inc.
nucleic acids1:18	trends1:15	statistical methodology 5:57	(author)4:50
numerical control	Research and Money1:70	turbogenerators.4:20, 57; 6:34	Whisenhunt, G. B. Jr., lead engineer, Vought
systems2:60	Rice, Harold W., director of research,	Steele, Dr. Theodore K.,	lead engineer, Vought Astronautics Div.,
nutrition5:22	Western research center,	executive vice-president, Bulova Research &	Chance Vought Corp. (author)3:19
0	Robertshaw-Fulton Controls Co. (author)3:62	Development Laboratories	Why Diversify?2:53
objective formula design3:59	robots1:31; 5:35	(author)6:15	Williams, Dr. Clyde E.,
obsolescence2:65; \$:55	rockets1:16; 4:72, 74	Stirling-cycle engines4:63	president, Clyde Williams & Co 2:74
Oman, Henry, research	Rowe, Dr. Alan J.,	strain-gage analysis1:66	X
specialist, Aero-Space Div., The Boeing Co.	manager, industrial dynamics research,	stress analysis1:66	x-rays1:65
(author)4:62	Hughes Aircraft Co.	strontium-904:81	Z
open environmental	(author)	sunspots1:18	zero-gravity environment4:69
system3:21	Ruzic, Neil P.,	superconductors1:18	Zworykin, Dr. Vladimir K.,
organoleptics	I-R editor & publisher (author)3:41	survival suit4:32	honorary vice-president, Radio Corp. of America2:74
The state of the s			

